

**Amendments to the Abstract**

Please **amend** the Abstract to read.

-- The invention relates to a data transmission system comprising an antenna ~~(300)~~ provided with a monopole radiating element ~~(302)~~ held in place by an earth plane ~~(306)~~ provided with a conducting surface. According to the invention, the radiating element ~~(302)~~ is located facing the surface of the earth plane ~~(306)~~ so as to interact with the latter in order to improve its performance.--